

# SEQUENCE LISTING

<110> Ligensa, Tanja  
Schumacher, Ralf  
Weidner, Michael

<120> IGF-1 Receptor Interacting Proteins

<130> 09/453,195

<140> 09/453,195

<141> 1999-12-02

<150> EPO 98122992.5

<151> 1998-12-03

<160> 10

<170> PatentIn Ver. 2.1

<210> 1

<211> 1707

<212> DNA

<213> Homo sapiens

<220>

<223> n at position 186, 187, 203, and 205 is a, t, g, or c.

<400> 1

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ctgagccagg ccgtggaggg ctgggcgtgg gggagccagg gcctctgggc ggaggtgggt 180
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Ser Ala Gly Gly Arg Pro Gly Ser Gly Pro Gln Leu Gly Thr Gly Arg  
 225 230 235 240

Gly Thr Leu Arg Leu Arg Ser Arg Gly Pro Ala Thr Val Glu Asp Leu  
 245 250 255

Pro Ser Ala Phe Glu Glu Lys Ala Ile Glu Lys Val Asp Asp Leu Leu  
 260 265 270

Glu Ser Tyr Met Gly Ile Arg Asp Thr Glu Leu Ala Ala Thr Met Val  
 275 280 285

Glu Leu Gly Lys Asp Lys Arg Asn Pro Asp Glu Leu Ala Glu Ala Leu  
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Asp Glu Arg Leu Gly Asp Phe Ala Phe Pro Asp Glu Phe Val Phe Asp  
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Val Trp Gly Ala Ile Gly Asp Ala Lys Val Gly Arg Tyr  
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 <212> DNA  
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 ccaaagacaa ggcagaaagt cactgcccaa gccggaggcc ccggggatcc catgcttttt 180  
 tcaagcccgag agacagatga gaagcttttt atatgtgcgc agtgtggcaa aaccttcaac 240  
 aatacctcca acctgagaac gcaccagcgg atccacactg gcgagaagcc ctacatgtgt 300  
 tccgagtgtg gcaagagttt ctcccggagc tccaaccgca tccggcacga gcgcatccac 360  
 ctggaagana agcactctga 380

<210> 4  
 <211> 126  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <223> Xaa at position 123 is any one of the twenty naturally occurring amino acids.

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 1 5 10 15

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 20 25 30

Ala Gly Leu His Gly Thr His Pro Pro Lys Thr Arg Gln Lys Val Thr  
35 40 45

Ala Gln Ala Gly Gly Pro Gly Asp Pro Met Leu Phe Ser Ser Pro Glu  
50 55 60

Thr Asp Glu Lys Leu Phe Ile Cys Ala Gln Cys Gly Lys Thr Phe Asn  
65 70 75 80

Asn Thr Ser Asn Leu Arg Thr His Gln Arg Ile His Thr Gly Glu Lys  
85 90 95

Pro Tyr Met Cys Ser Glu Cys Gly Lys Ser Phe Ser Arg Ser Ser Asn  
100 105 110

Arg Ile Arg His Glu Arg Ile His Leu Glu Xaa Lys His Ser  
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cagaagactt cagccactaa aaactgtttg aagaatctaa gcagccactg gctgatgaag 180  
tcagagccag agagccgcct agagaaagggt gtagatgtga agttcagcat tgaggatctc 240  
aaagcacagc ccaaacagac aacatgctgg gatgggtgtt gtaactacca ggctcggaac 300  
ttccttagag ccatgaagct gggagaagaa gccttcttct accatagcaa ctgcaaagag 360  
ccaggcatcg caggactcat gaagatcgtg aaagaggctt acccagacca cacacagttt 420  
gagaaaaaca atccccatta tgacccatct agcaaagagg acaaccctaa gtggtccatg 480  
gtggatgtac agtttggttc gatgatgaaa cgtttcattc ccctggctga gctcaaatcc 540  
tatcatcaag ctcaaaaagc tactggtggc cccttaaaaa atatggttct cttcactcgc 600  
cagagattat caatccagcc cctgaccag gaagagtttg attttgttt gagcctggag 660  
gaaaaggaac caagttaa 678

<210> 6  
<211> 225  
<212> PRT  
<213> Homo sapiens

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20 25 30

Ala Lys Val Glu Asp Ser Asn Pro Gln Lys Thr Ser Ala Thr Lys Asn  
35 40 45

Cys Leu Lys Asn Leu Ser Ser His Trp Leu Met Lys Ser Glu Pro Glu  
50 55 60

Ser Arg Leu Glu Lys Gly Val Asp Val Lys Phe Ser Ile Glu Asp Leu  
 65 70 75 80  
 Lys Ala Gln Pro Lys Gln Thr Thr Cys Trp Asp Gly Val Arg Asn Tyr  
 85 90 95  
 Gln Ala Arg Asn Phe Leu Arg Ala Met Lys Leu Gly Glu Glu Ala Phe  
 100 105 110  
 Phe Tyr His Ser Asn Cys Lys Glu Pro Gly Ile Ala Gly Leu Met Lys  
 115 120 125  
 Ile Val Lys Glu Ala Tyr Pro Asp His Thr Gln Phe Glu Lys Asn Asn  
 130 135 140  
 Pro His Tyr Asp Pro Ser Ser Lys Glu Asp Asn Pro Lys Trp Ser Met  
 145 150 155 160  
 Val Asp Val Gln Phe Val Arg Met Met Lys Arg Phe Ile Pro Leu Ala  
 165 170 175  
 Glu Leu Lys Ser Tyr His Gln Ala His Lys Ala Thr Gly Gly Pro Leu  
 180 185 190  
 Lys Asn Met Val Leu Phe Thr Arg Gln Arg Leu Ser Ile Gln Pro Leu  
 195 200 205  
 Thr Gln Glu Glu Phe Asp Phe Val Leu Ser Leu Glu Glu Lys Glu Pro  
 210 215 220

Ser  
 225

<210> 7  
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 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence:primer TIP2c-s

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18

<210> 8  
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<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer Hcthy-s

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer Hcthy-r

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